

10723419 BOILING POINT OF A LIQUID

East SRNT (sjp)

January 5, 2006

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L1	69	(US-20010010799-\$ or US-20020172256-\$ or US-20030033861-\$ or US-20030215335-\$ or US-20040013536-\$ or US-20040129057-\$ or US-20040190587-\$ or US-20040231402-\$ or US-20050013340-\$).did. or (US-0151235-\$ or US-2059961-\$ or US-3084535-\$ or US-	US-PGPUB; USPAT; DERWENT	1/5/06 10:48	previously tagged
IS&R	L2	0	(10/362344).CCLS.	US-PGPUB; USPAT	1/5/06 10:47	
BRS	L3	1164	((phase near change) and (brake adj fluid)) or ((boil\$3 near point) and (brake adj fluid)) or ((boil\$3 near temperature) and (brake adj fluid)) OR ((phase near change) and (hydraulic adj oil)) or ((boil\$3 near point) and (hydraulic adj oil)) or ((boil\$3 near temperature) and (hydraulic adj oil)) OR ((phase near change) and (hydraulic adj fluid)) or ((boil\$3 near point) and (hydraulic adj fluid)) or ((boil\$3 near temperature) and (hydraulic adj fluid))	US-PGPUB; USPAT	1/5/06 10:50	
BRS	L4	2882	(microfluidic adj valving) micro\$pump or micro\$1valve	US-PGPUB; USPAT	1/5/06 11:48	
BRS	L5	10	L3 and L4	US-PGPUB; USPAT	1/5/06 10:50	Refreshed - one new citation.
BRS	L6	0	(microfluidic adj2 valv\$3) and L3 not L5	US-PGPUB; USPAT	1/5/06 11:49	
BRS	L7	21	((phase near change) and (brake adj oil)) or ((boil\$3 near point) and (brake adj oil)) or ((boil\$3 near temperature) and (brake adj oil))	US-PGPUB; USPAT	1/5/06 11:49	Refreshed - one new citation.
BRS	L13	8	(Hygroscopic adj2 fluid) with boil\$3	US-PGPUB; USPAT	1/5/06 12:29	browsed
BRS	L14	99	(Hydraulic adj2 fluid) with boil\$3	US-PGPUB; USPAT	1/5/06 12:29	browsed
BRS	L15	14	(US-20040013536-\$ or US-20010010799-\$).did. or (US-6071081-\$ or US-5375979-\$ or US-4869596-\$ or US-5330268-\$ or US-4781469-\$ or US-4408902-\$ or US-5814721-\$ or US-5127471-\$ or US-3898017-\$ or US-6520197-\$ or US-6065864-\$).did. or (DE-3639664-\$).did.	US-PGPUB; USPAT; DERWENT	1/5/06 12:46	CITED in an 892 of FAOM
BRS	L16	5	(US-6071081-\$ or US-5725363-\$).did. or (DE-3639664-\$ or WO-200218783-\$ or DE-4002792-\$).did.	USPAT; DERWENT	1/5/06 12:48	Cited in IDS
BRS	L17	6	(US-20050013340-\$).did. or (US-6407479-\$ or US-6308564-\$ or US-6787047-\$ or US-4257775-\$ or US-6869273-\$).did.	US-PGPUB; USPAT	1/5/06 12:47	Cited in 892 of JUNE 2005
BRS	L29	60	("2599276" "3084535" "3253454" "3264558" "3392570" "3446056" "3487201" "3522530" "3564900" "3943767" "4109527" "4227411" "4399823" "4408902" "4449403" "4484822" "4484823" "4541730" "4558456" "4559813" "3264558" "3392570" "3446056" "3487201" "3522530" "3564900" "3648018" "3943767" "4109527" "4227411" "4399823" "4408902" "4449403" "4470759" "4484822" "5076094" "5130257" "5216312" "5440188" "5741961" "5910286" "6304021").PN. OR ("6407479").URPN.	US-PGPUB; USPAT; USOCR	1/5/06 12:54	JANUS search from selected patents from 892
BRS	L30	76	"3264558" "3392570" "3446056" "3487201" "3522530" "3564900" "3648018" "3943767" "4109527" "4227411" "4399823" "4408902" "4449403" "4470759" "4484822" "5076094" "5130257" "5216312" "5440188" "5741961" "5910286" "6304021").PN. OR ("6407479").URPN.	US-PGPUB; USPAT; USOCR	1/5/06 12:58	Janus search 2
BRS	L32	8	("5076094" "5130257" "5216312" "5440188" "5741961" "5910286" "6304021").PN. OR ("6407479").URPN.	US-PGPUB; USPAT; USOCR	1/5/06 13:01	Janus Search 3 - browsed first.
BRS	L33	65	30 not 32	US-PGPUB; USPAT	1/5/06 13:05	
BRS	L36	0	29 not 32 not 30	US-PGPUB; USPAT	1/5/06 13:05	
BRS	L35	14	30 not 32 not 29	US-PGPUB; USPAT	1/5/06 13:06	browsed
BRS	L34	51	29 not 32	US-PGPUB; USPAT	1/5/06 13:09	browsed
BRS	L37	199	((evaluat\$3 near electronic\$4) near thermistor) or ((measur\$5 near electronic\$4) near thermistor) or ((current near meter) near thermistor) or ((current near measur\$5) near thermistor) or ((resist\$4 near measur\$5) near thermistor)	US-PGPUB; USPAT	1/5/06 13:22	refreshed - see below for update
BRS	L38	0	(eisenschmid with Heinz).in. and @pd>"20050609"	US-PGPUB; USPAT	1/5/06 13:23	
BRS	L39	16	37 and @pd>"20050609"	US-PGPUB; USPAT	1/5/06 13:24	browsed for update.

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Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L40	206	39 or 34 or 35 or 14 or 13 or 7 or 5	US-PGPUB; USPAT	1/5/06 13:39	browsed TODAY so far.
IS&R	L42	79	(374/27).CCLS.	US-PGPUB; USPAT	1/5/06 13:40	
IS&R	L44	169	(374/16).CCLS.	US-PGPUB; USPAT	1/5/06 13:41	
IS&R	L46	1249	((374/141) or (374/147) or (374/148)).CCLS.	US-PGPUB; USPAT	1/5/06 13:41	
IS&R	L48	50	(73/61.77).CCLS.	US-PGPUB; USPAT	1/5/06 13:42	
BRS	L49	0	L48 and @pd>"20050609"	US-PGPUB; USPAT	1/5/06 13:42	
IS&R	L50	156	(417/209).CCLS.	US-PGPUB; USPAT	1/5/06 13:42	
BRS	L51	0	L50 and @pd>"20050609"	US-PGPUB; USPAT	1/5/06 13:43	
IS&R	L52	183	(417/208).CCLS.	US-PGPUB; USPAT	1/5/06 13:43	
IS&R	L54	82	(73/61.46).CCLS.	US-PGPUB; USPAT	1/5/06 13:43	
BRS	L55	0	L54 and @pd>"20050609"	US-PGPUB; USPAT	1/5/06 13:43	
IS&R	L56	92	(73/61.76).CCLS.	US-PGPUB; USPAT	1/5/06 13:43	
BRS	L57	1	L56 and @pd>"20050609"	US-PGPUB; USPAT	1/5/06 13:44	b = browsed for UPDATE
BRS	L53	1	L52 and @pd>"20050609"	US-PGPUB; USPAT	1/5/06 13:45	b
BRS	L43	1	L42 and @pd>"20050609"	US-PGPUB; USPAT	1/5/06 13:47	b
BRS	L45	5	L44 and @pd>"20050609"	US-PGPUB; USPAT	1/5/06 13:48	b
BRS	L58	32	47 not 40 not 43 not 45 not 53 not 57	US-PGPUB; USPAT	1/5/06 13:51	Check for Duplicates - none.
BRS	L47	32	L46 and @pd>"20050609"	US-PGPUB; USPAT	1/5/06 13:51	browsed.

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
IS&R	L59	69	(374/25).CCLS.	US-PGPUB; USPAT	1/5/06 14:00	BROWSED.
IS&R	L62	37	(303/122.03).CCLS.	US-PGPUB; USPAT	1/5/06 14:06	browsed, NA
BRS	L63	246	60 not 47 not 40 not 43 not 45 not 53 not 57	US-PGPUB; USPAT	1/5/06 14:08	
BRS	L64	260	61 not 47 not 40 not 43 not 45 not 53 not 57	US-PGPUB; USPAT	1/5/06 14:08	
IS&R	L60	247	(188/1.11L).CCLS.	US-PGPUB; USPAT	1/5/06 14:11	browsed back thru 2001/08 ==> NOT pertinent
IS&R	L81	262	(188/1.11E).CCLS.	US-PGPUB; USPAT	1/5/06 14:10	browsed back thru 2002/07 ==> NOT pertinent

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L65	0	((electric\$2 near heat\$3) with micro\$1pump with fluid with (temperature or resistance)).clm.	US-PGPUB; USPAT	1/5/06 14:13	
BRS	L67	7	((electric\$2 near heat\$3) with boil\$3 with fluid with (temperature or resistance)).clm.	US-PGPUB; USPAT	1/5/06 14:14	browsed
BRS	L68	15	((electric\$2 near heat\$3) with pump\$3 with fluid with (temperature or resistance)).clm.	US-PGPUB; USPAT	1/5/06 14:14	browsed

Type	S#	Hits	Search Text	DBs	Time Stamp	Comments
IS&R	L1	122	(165/247).CCLS.	US-PGPUB; USPAT	1/5/06 16:13	Heat exchange == Class 165
IS&R	L2	160	(165/253).CCLS.	US-PGPUB; USPAT	1/5/06 16:11	253 <sched165.htm> Temperature sensor controlling temperature
IS&R	L3	231	(165/287).CCLS.	US-PGPUB; USPAT	1/5/06 16:11	287 <sched165.htm> Temperature responsive or control:
IS&R	L4	467	(165/299).CCLS.	US-PGPUB; USPAT	1/5/06 16:11	299 <sched165.htm> Flow of one heat exchange material controlled by temperature of another:
IS&R	L5	32803	("122").CLAS.	US-PGPUB; USPAT	1/5/06 16:13	122 Liquid Heaters and Vaporizers
IS&R	L6	63870	("165").CLAS.	US-PGPUB; USPAT	1/5/06 16:13	Entire Class == Heat Exchange.
IS&R	L7	291	(122/451.1).CCLS.	US-PGPUB; USPAT	1/5/06 16:14	451.1 <sched122.htm> Thermally controlled
IS&R	L8	26717	("236").CLAS.	US-PGPUB; USPAT	1/5/06 16:14	236 Automatic Temperature and Humidity Regulation
IS&R	L9	18035	("337").CLAS.	US-PGPUB; USPAT	1/5/06 16:15	337 Electricity: electrothermally or thermally actuated switches
IS&R	L10	127938	("137").CLAS.	US-PGPUB; USPAT	1/5/06 16:15	137 Fluid handling
BRS	L11	66760	(Hydraulic adj2 fluid) or (brake adj2 fluid)	US-PGPUB; USPAT	1/5/06 16:17	
BRS	L13	246	6 not (1 or 2 or 3 or 4) and 11	US-PGPUB; USPAT	1/5/06 16:18	see below
BRS	L14	0	6 not (1 or 2 or 3 or 4) and 11 and 7	US-PGPUB; USPAT	1/5/06 16:18	
BRS	L12	7	(1 or 2 or 3 or 4) and 11	US-PGPUB; USPAT	1/5/06 16:20	b = browsed
BRS	L15	1	7 not (1 or 2 or 3 or 4) and 11	US-PGPUB; USPAT	1/5/06 16:23	b
BRS	L18	20	9 not 7 not (1 or 2 or 3 or 4) and 11	US-PGPUB; USPAT	1/5/06 16:25	b
BRS	L16	56	5 not 7 not (1 or 2 or 3 or 4) and 11	US-PGPUB; USPAT	1/5/06 16:30	b
BRS	L17	68	8 not 7 not (1 or 2 or 3 or 4) and 11	US-PGPUB; USPAT	1/5/06 16:58	b
BRS	L19	226	13 not 5 not 8 not 9	US-PGPUB; USPAT	1/5/06 16:40	Remove Duplicates -- See Below...
BRS	L20	123	19 and heat\$3 and (pump or micro\$1pump)	US-PGPUB; USPAT	1/5/06 16:41	see below...
BRS	L21	58	19 and heat\$3 and (pump or micro\$1pump) and (resistance or current or voltage)	US-PGPUB; USPAT	1/5/06 16:42	see below...
BRS	L22	50	19 and heat\$3 and (pump or micro\$1pump) and (resistance or current or voltage) and temperature	US-PGPUB; USPAT	1/5/06 16:42	See below...
BRS	L23	7	19 and heat\$3 and (pump or micro\$1pump) and (resistance or current or voltage) and boiling	US-PGPUB; USPAT	1/5/06 18:15	b
BRS	L24	5	20 and boiling not 23	US-PGPUB; USPAT	1/5/06 16:47	b
BRS	L25	43	22 not 23 not 24	US-PGPUB; USPAT	1/5/06 16:51	b
BRS	L26	6	21 not 22 not 23 not 24	US-PGPUB; USPAT	1/5/06 16:51	b
IS&R	L27	61374	("417").CLAS.	US-PGPUB; USPAT	1/5/06 16:54	PUMPS class
IS&R	L28	89	(417/1).CCLS.	US-PGPUB; USPAT	1/5/06 16:58	. condition responsive pumps -- BROWSED.
BRS	L29	473	27 and 6	US-PGPUB; USPAT	1/5/06 16:58	See below...
BRS	L30	1	27 and (1 or 2 or 3 or 4) and 11	US-PGPUB; USPAT	1/5/06 16:59	b
BRS	L31	13	27 and (1 or 2 or 3 or 4) not 11	US-PGPUB; USPAT	1/5/06 17:01	b
BRS	L32	308	27 and 5 not (1 or 2 or 3 or 4) not 11	US-PGPUB; USPAT	1/5/06 17:02	
BRS	L33	454	27 and 6 not (1 or 2 or 3 or 4) not 11	US-PGPUB; USPAT	1/5/06 17:02	
BRS	L34	0	27 and 5 and (1 or 2 or 3 or 4)	US-PGPUB; USPAT	1/5/06 17:04	
BRS	L35	6	27 and 5 and 11	US-PGPUB; USPAT	1/5/06 17:04	b
BRS	L36	0	27 and 7 and (1 or 2 or 3 or 4)	US-PGPUB; USPAT	1/5/06 17:04	
BRS	L37	38	27 and 7	US-PGPUB; USPAT	1/5/06 17:05	b
IS&R	L38	14998	("374").CLAS.	US-PGPUB; USPAT	1/5/06 17:07	
BRS	L39	0	32 and 38	US-PGPUB; USPAT	1/5/06 17:07	
BRS	L40	1	33 and 38	US-PGPUB; USPAT	1/5/06 17:08	b
BRS	L41	0	13 and 38	US-PGPUB; USPAT	1/5/06 17:09	
BRS	L42	234	6 and 38	US-PGPUB; USPAT	1/5/06 17:09	
BRS	L43	3	42 and heat\$3 and (pump or micro\$1pump) and (resistance or current or voltage) and boiling	US-PGPUB; USPAT	1/5/06 17:24	b
BRS	L44	24	42 and heat\$3 and (pump or micro\$1pump) and (resistance or current or voltage) not boiling	US-PGPUB; USPAT	1/5/06 17:25	b
IS&R	L45	64	(165/104.29).CCLS.	US-PGPUB; USPAT	1/5/06 18:01	browsed
IS&R	L46	1211	((165/104.21) or (165/104.22) or (165/104.23) or (165/104.24) or (165/104.28)).CCLS.	US-PGPUB; USPAT	1/5/06 18:02	
IS&R	L48	1103	((165/104.21) or (165/104.22)).CCLS.	US-PGPUB; USPAT	1/5/06 18:02	see below
IS&R	L47	122	((165/104.23) or (165/104.24) or (165/104.28)).CCLS.	US-PGPUB; USPAT	1/5/06 18:02	browsed
BRS	L49	61	48 and heat\$3 and (pump or micro\$1pump) and (resistance or current or voltage) and boiling	US-PGPUB; USPAT	1/5/06 18:16	browsed.

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January 5, 2006

Type	S#	Hits	Search-Text	DBs	Time Stamp	Comments
ISAR	L51	78395	("219").CLAS.	US-PGPUB; USPAT	1/5/06 18:54	
BRS	L52	253	51 and heat\$3 and (pump or micro\$1pump) and (resistance or current or voltage) and boiling	US-PGPUB; USPAT	1/5/06 18:54	
BRS	L53	18	6 and 52	US-PGPUB; USPAT	1/5/06 18:56	b
BRS	L56	0	((thin adj film) with (heating adj element)) with micro\$1pump	US-PGPUB; USPAT	1/5/06 19:05	
BRS	L57	5	((thin adj film) with (heating adj element)) with pump	US-PGPUB; USPAT	1/5/06 19:04	b
BRS	L58	666	((thin adj film) with (heating adj element))	US-PGPUB; USPAT	1/5/06 19:05	see below
BRS	L59	99	51 and 58	US-PGPUB; USPAT	1/5/06 19:05	b
BRS	L60	41	(thin adj film) with self\$1heating	US-PGPUB; USPAT	1/5/06 19:30	b